

System for Spraying a Fluid Material

ABSTRACT OF THE DISCLOSURE

A system for spraying an at least substantially fluid material has a source providing a controllable flow of the material to be sprayed; a dosing unit that receives the flow of material from the source, that holds a quantity of the material in a reservoir, and that outputs the material to a dispensing device; and a control arrangement that has as an input signal an indication of a fill level of the reservoir and that outputs a flow control signal to the source such that the fill level in the reservoir is maintained less than a maximum level and greater than a minimum level when the dispensing device is active. The dosing unit thereby forms an active accumulator able to both receive material from the source and deliver material to the dispensing device at the same time.